

COMPANY WITH  
MANAGEMENT SYSTEM  
- UNI EN ISO 9001 -  
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P. IVA: IT 00494251200 - R.E.A. n. 313180  
Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

Company under the direction and coordination of The Sherwin-Williams Company, USA

## Technical Data Sheet

### TZ28\*\*/00 CLEAR POLYURETHANE TOPCOAT

Supersedes previous issue dated 01/09/11

DATE 06/06/12

Versions:	5, 10, 20, 30, 40, 50, 60, 65, 70, 80, 90 gloss.
Area of use:	Flat parts, doors, profiles, turned parts.
Method of use:	Conventional and airless spray guns, curtain coater.
Mixing procedure 5-50 gloss:	By weight (kg)
Part A	TZ28**/00 100
Part B (hardener)	TH0805/00 50
Thinner	DT1146/00 50
Mixing procedure 60-90 gloss:	By weight (kg)
Part A	TZ28**/00 100
Part B (hardener)	TH0711/00 50
Thinner	DT1146/00 50

### Technical characteristics

Solids content (%):	47 ± 3	
Specific gravity (kg/l):	05 – 20 gloss:	0.980 ± 0.030
	30 – 90 gloss:	0.970 ± 0.030
Viscosity (DIN 4 at 20°C):	70" ± 5"	
Pot-life:	3 hours	
Recommended application weight (g/m <sup>2</sup> ):	Minimum 100, maximum 150.	
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free	10'-15'
	Touch dry	30'-40'
	Stackable	24 hours
Forced air drying: (100 g/m <sup>2</sup> ):	Flash-off	15'
	Hot air at 50°C	80'
	Cooling	15'
Shelf-life (months):	36	
	After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.	

**N.B.:** DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

**WARNING:** ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

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### Substrate preparation

With a polyurethane (i.e. TU0001/00, TU0120/00, TU0160/00) or polyester basecoat.

### General characteristics

TZ28\*\*/00 is an extremely versatile matt topcoat for any kind of spray applications, including airmix, airless, oscillating spray guns and fixed spray guns for profiles. It is suitable for both horizontal and vertical applications. Its high solids content makes it more suitable for conventional or forced air drying with drying times of at least 2 hours, and less suitable for very short tunnel drying.

TZ28\*\*/00 always ensures an even matting as well as a smooth and very hard surface.

When a higher build is required, we recommend using TH0775/00 hardener.

The use of TH0925/00 is recommended in hot climates or to improve brightness in high-gloss systems.

### Special instructions

To obtain a uniform gloss level, it is extremely important to stir Part A well before each application, preferably using a spatula. If the topcoat requires slight tinting, use XC1900/XX stains.

During summer or in tropical areas use DT1146/00 slow drying thinner.

A preliminary check of the packaging material is required to stack and store the coated items.

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